

CLAIMS:

1. A nonaqueous electrolyte secondary battery comprising: a binder for powder in a negative electrode, wherein said binder for powder contains a mix of fluorine polymer and aromatic vinyl-conjugate diene polymer.
2. A nonaqueous electrolyte secondary battery according to claim 1, wherein the fluorine polymer is at least one type of materials selected from a group consisting of polyvinylidene fluoride, polytetrafluoroethylene and fluorine rubber.
3. A nonaqueous electrolyte secondary battery according to claim 1, wherein the aromatic vinyl-conjugate diene polymer is styrene-butadiene latex.
4. A nonaqueous electrolyte secondary battery according to claim 1, wherein a weight mixture ratio of fluorine polymer and aromatic vinyl-conjugate diene polymer is such that fluorine polymer is not less than one time nor more than 99 times the aromatic vinyl-conjugate diene polymer.
5. A nonaqueous electrolyte secondary battery according to claim 1, wherein a ratio of said binder for powder with respect to the total weight of said negative electrode is not less than 2 wt% nor more than 15 wt%.
6. A nonaqueous electrolyte secondary battery according to claim 1, wherein said binder for powder contains cellulose derivative as a viscosity bodying agent.

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